

P a t e n t c l a i m s

1. Machine tool transmission, in particular a spindle transmission, characterized by the fact that the force and torque are directly transferred from the transmission pinion shaft (3) to the spindle, whereby the spindle is conveniently arranged in a coaxial disposition with the pinion shaft (3)

2 Machine tool transmission according to patent claim 1, characterized by the fact that the transmission (1) pinion shaft (3) is connected with the spindle, where the torque proof connection between the spindle and the pinion shaft (3) takes place either form locking or by traction.

3 Machine tool transmission according to patent claims 1 and 2, characterized by the fact that pinion shaft (3) is mounted over the bearings housing (15), whereby it is shorter dimensioned so that the overall length of the transmission (1) is reduced.

4 Machine tool transmission according to patent claims 1, 2 and 3, characterized by the fact that the beveled ball bearings (16) and (17) are used for mounting the pinion shaft (3).